

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Canceled).

Claim 2 (Currently Amended): ~~Device~~ The assembly according to claim ± 34, wherein the radiation source ~~(4)~~ emits X-rays or gamma rays.

Claim 3 (Currently Amended): ~~Device~~ The assembly according to claim ± 34, wherein the rays emitted by the radiation source ~~(4)~~ ~~detects the~~ strike an entire width of the conveyor belt ~~(1)~~.

Claim 4 (Currently Amended): ~~Device~~ The assembly according to claim ± 34, wherein the rays emitted by the radiation source ~~(4)~~ ~~detects~~ strike the carrying side in ~~the~~ a material-free

state.

Claim 5 (Currently Amended): ~~Device~~ The assembly according to claim ± 34, wherein the radiation source ~~(4)~~ is accommodated in ~~a support stand, particularly an upper part of a transportable support stand (3), in particular within its upper part.~~

Claim 6 (Currently Amended): ~~Device~~ The assembly according to claim 5, wherein the support stand ~~(3)~~ is a four-sided support frame, whereby the conveyor belt ~~(1)~~ runs within a lower region of the support frame, particularly within its lower region.

Claim 7 (Currently Amended): ~~Device~~ The assembly according to claim ± 5, wherein the radiation source ~~(4)~~ is coupled with a radiation control device ~~(12)~~.

Claim 8 (Currently Amended): ~~Device~~ The assembly according to claim ± 7, wherein the radiation source ~~(4)~~ corresponds with a line sensor ~~(5)~~ with image processor that lies opposite, which is

disposed below the running side.

Claim 9 (Currently Amended): ~~Device~~ The assembly according to claim 8, wherein the line sensor ~~(5)~~ with image processor is disposed on the support stand ~~(3)~~.

Claim 10 (Canceled).

Claim 11 (Currently Amended): ~~Device~~ The assembly according to claim ~~10~~ 34, wherein the defect marking system~~(13)~~ is disposed laterally with regard to the conveyor belt~~(1)~~, ~~specifically~~ in the region between the carrying side and the running side.

Claim 12 (Currently Amended): ~~Device~~ The assembly according to claim ~~10~~ 34, wherein the defect marking system~~(13)~~ is coupled with ~~the~~ a defect marking system control device ~~(14)~~.

Claim 13 (Currently Amended): ~~Device~~ The assembly according to claim ~~10~~ 34, wherein the defect marking system~~(13)~~ is disposed on ~~the~~ a support stand ~~(3)~~.

Claim 14 (Currently Amended): ~~Device~~ The assembly according to claim ~~1~~ 12, wherein

- the entire conveyor belt ~~(1)~~ is divided into finite segments, whereby each segment is provided with a distinct address, so that segment marking occurs, whereby the detection of the address of the segment marking, in each instance, takes place without contact, ~~by means of~~ using a first scanning unit; and that

- the finite segments are delimited by a start marking~~(6)~~, in each instance, whereby the detection of the start marking, in each instance, also takes place without contact, ~~by means of~~ using a second scanning unit.

Claim 15 (Currently Amended): ~~Device~~ The assembly according to claim 14, wherein the finite segments are divided at a distance of 10 to 500 m in length.

Claim 16 (Currently Amended): ~~Device~~ The assembly according to claim 14, wherein the address of the segment marking as well as the start marking ~~(6)~~ are located within ~~the belt surface,~~ particularly within an edge region of the carrying side, ~~in its edge region.~~

Claim 17 (Currently Amended): ~~Device~~ The assembly according to claim 14, wherein the address of the segment marking and the address of the start marking ~~(6)~~ are separate marking systems.

Claim 18 (Currently Amended): ~~Device~~ The assembly according to claim 17, wherein the address of the segment marking is in the vicinity of the start marking ~~(6)~~.

Claim 19 (Currently Amended): Device according to claim 14, wherein the address of the segment marking and the address of the start marking ~~(6)~~ form a uniform marking system.

Claim 20 (Currently Amended): ~~Device~~ The assembly according to claim 14, wherein the address of the segment marking is a transponder ~~(8)~~, whereby the first scanning unit comprises an antenna ~~(9)~~ and a transponder reader ~~(11)~~.

Claim 21 (Currently Amended): ~~Device~~ The assembly according to claim 14, wherein at least one of the address of the segment marking ~~and/or~~ and the address of the start marking ~~(6)~~ is formed by at least one notch, color strip, reflection zone, metal particle, or permanent magnet.

Claim 22 (Currently Amended): ~~Device~~ The assembly according to claim 14, wherein at least one of the address of the segment marking ~~and/or~~ and the address of the start marking ~~(6)~~ is a code,

~~particularly under the aspect of mechanical, optical, magnetic,
electrically conductive, or radioactive detection~~

Claim 23 (Currently Amended): ~~Device~~ The assembly according
to claim 22, wherein the code is a bar code ~~or is structured
similar to a bar code~~

Claim 24 (Currently Amended): ~~Device~~ The assembly according
to claim 22, wherein the code ~~consists of~~ comprises a serial
arrangement of small permanent magnets ~~particularly in the form of
a serial arrangement~~

Claim 25 (Currently Amended): ~~Device~~ The assembly according
to claim 21, wherein the first and second scanning unit are a
common detection system ~~particularly in the form of a read head
(7).~~

Claim 26 (Currently Amended): ~~Device~~ The assembly according to claim ~~1~~ 14, ~~wherein it is provided with~~ further comprising an encoder ~~(10)~~.

Claim 27 (Currently Amended): ~~Device~~ The assembly according to claim 26, wherein the encoder is driven by the conveyor belt ~~(1)~~ itself.

Claim 28 (Currently Amended): ~~Device~~ The assembly according to claim 26, wherein the encoder ~~(10) stands in connection~~ is connected with a movable part of the ~~conveyor that comprises the~~ conveyor belt ~~(1)~~.

Claim 29 (Currently Amended): ~~Device~~ The assembly according to claim 28, wherein the encoder ~~(10)~~ is driven by way of the ~~an~~ an axle of a non-driven drum ~~(2)~~.

Claim 30 (Currently Amended): ~~Device~~ The assembly according to claim ~~1~~ 26, wherein the process computer ~~(15)~~ is coupled at

least with the radiation source(4), ~~particularly with other device parts of the stated type~~

Claim 31 (Currently Amended): ~~Device~~ The assembly according to claim 30, wherein the process computer(15) is coupled with the following device parts, namely with:

- the radiation source(4), by way of ~~the~~ a radiation control device (12);
- ~~the~~ a line sensor (5) with image processor;
- the defect marking system (13), by way of the defect marking system control device (14);
- the first and second scanning unit, as well as
- the encoder (10).

Claim 32 (Currently Amended): ~~Device~~ The assembly according to claim ~~±~~ 34, wherein the process computer~~(15)~~ is coupled with a monitor ~~(16)~~.

Claim 33 (Currently Amended): ~~Device~~ The assembly according to claim ~~±~~ 5, wherein a radiation protection device is ~~provided,~~
~~which is particularly disposed on or near the support stand (3) or~~
~~its immediate vicinity~~

Claim 34 (New): An assembly comprising:

(a) a moving conveyor belt made of elastomeric material and having a belt surface, a carrying side for goods to be conveyed, a running side, and an embedded strength support;

(b) a device for non-destructive inspection of the conveyor belt, said device comprising a radiation source and a process computer; and

(c) a defect marking system corresponding with the radiation source;

wherein said radiation source emits rays toward the belt surface to perform an irradiation test having a result, said rays being sufficiently energetic to pass through the conveyor belt; and

wherein the process computer evaluates the result of the irradiation test.